Data sheet

SAIE-M12B-4-0.5U-M16-D

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Various build-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

General ordering data

Version	Built-in plugs, M12, Female socket, straight, Mounting thread: M 16 x 1.5, Number of poles: 4, Strand / cable length: 0.5 m, Front mounting
Order No.	1308610000
Type	SAIE-M12B-4-0.5U-M16-D
GTIN (EAN)	4050118110937
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Net weight	27.4 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical specifications for cable

PE function	No	Core cross-section	0.34 mm²
Strand / cable length	0.5 m	Colour coding	yellow, white, orange, blue
Number of poles	4		

Technical data customisable plug-in connectors

Number of poles	4	Coding	D-coded
Contact surface	Gold-plated	Housing main material	Zinc diecast
Insulation resistance	≥ 10^8 Ω	Nominal voltage	250 V
Nominal current	4 A	Protection degree	IP67, when screwed in
Plugging cycles	≥ 100	Pollution severity	2
Cable gland	M 16	Temperature range of housing	-30...+90 °C

Standards

Connector standard	IEC 61076-2-101

General data

Number of poles	4
Coding	D-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.34 mm²
Housing main material	Zinc diecast
Insulation resistance	≥ 10^8 Ω
Type of mounting	Front mounting
Nominal voltage	250 V
Nominal current	4 A
AF size	17 mm
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Pollution severity	2
Cable gland	M 16
Basic material	PVC
Connection 1	M12
Connection 2	Flying cable
Strand / cable length	0.5 m
Mounting thread	M 16 x 1.5

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Mounting torque range	2 Nm		
Mounting torque	max.	2 Nm	
Temperature range of housing	-30…+90 °C		
Conductor O.D.	-		

Classifications

ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	EC003570	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

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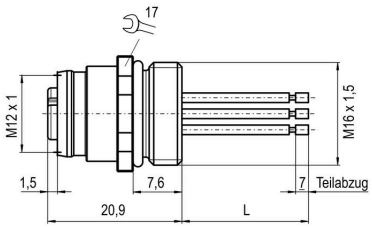
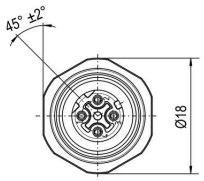
Drawings

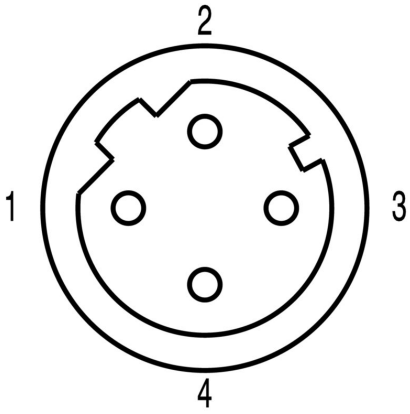
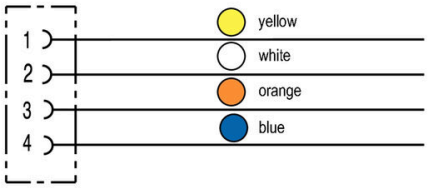
Dimensioned drawing



Dimensioned drawing



Pole scheme



Wiring diagram